

## Message Text

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ACTION ACDA-10

INFO OCT-01 EUR-12 EA-07 NEA-10 IO-13 ISO-00 CIAE-00  
PM-05 H-01 INR-07 L-03 NSAE-00 NSC-05 PA-01  
PRS-01 SP-02 SS-15 USIA-06 COME-00 OES-07 /106 W  
-----097664 280213Z /63

R 271443Z JUL 77  
FM USMISSION GENEVA  
TO SECSTATE WASHDC 9720  
INFO AMEMBASSY BONN  
AMEMBASSY LONDON  
AMEMBASSY MOSCOW  
AMEMBASSY THE HAGUE  
AMEMBASSY ROME  
AMEMBASSY STOCKHOLM  
AMEMBASSY OTTAWA  
AMEMBASSY TOKYO  
AMEMBASSY NEW DELHI  
USMISSION NATO  
ERDA HQ WASHDC  
ERDA GERMANTOWN  
SECDEF WASHDC

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E.O. 11652: N/A  
TAGS: PARM, CCD  
SUBJECT: CCD: FIRST AND SECOND MEETING OF WORKING GROUPS AT FOURTH  
ROUND OF AD HOC SEISMIC EXPERTS GROUP.

1. FOURTH ROUND OF MEETINGS OF THE CCD "AD HOC GROUP OF  
SCIENTIFIC EXPERTS TO CONSIDER INTERNATIONAL COOPERATIVE MEASURES  
TO DETECT AND TO IDENTIFY SEISMIC EVENTS" BEGAN IN GENEVA ON 25 JULY  
1977 WITH THE CONVENING OF WORKING GROUPS ON VARIOUS CHAPTERS OF THE  
FINAL REPORT IN PREPARATION. THE GROUP WILL HOLD A PLENARY MEETING  
DURING THE WEEK OF 1 AUGUST 1977.

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2. DURING THE AFTERNOON SESSION ON 25 JULY THE SWEDISH EXPERT  
PRESENTED A REVISED VERSION OF THE APPENDIX TO THE FINAL REPORT  
ENTITLED "PROBLEMS WITH THE ESTIMATION OF YIELDS FROM SEISMIC  
SIGNALS". THIS SECOND DRAFT IS ABOUT HALF THE LENGTH OF THE ORIGINAL  
VERSION, CONTAINS ONLY THE GENERAL FORM OF THE MAGNITUDE YIELD  
RELATIONSHIP, AND GIVES THE RANGE OF PUBLISHED VALUES OF THE

COEFFICIENTS IN THESE EQUATIONS. THIS VERSION IS MUCH LESS TROUBLE-SOME THAN THE ORIGINAL DRAFT WHICH CONTAINED SPECIFIC MAGNITUDE-YIELD RELATIONSHIPS FOR THE US AND USSR. THE SECOND DRAFT WAS FOUND GENERALLY ACCEPTABLE BY THE GROUP WITH MOST OF THE MINOR SUGGESTIONS FOR REVISION COMING FROM THE USSR EXPERT. THE SOVIET EXPERT WANTED THE TITLE OF THE APPENDIX CHANGED TO "PROBLEMS WITH THE ESTIMATION OF YIELD OF CONTAINED UNDERGROUND NUCLEAR EXPLOSIONS". THIS TITLE WITH THE WORDS "CONTAINED" AND "NUCLEAR" DELETED WOULD BE MORE ACCEPTABLE TO THE US EXPERTS AND AN ATTEMPT IS BEING MADE TO ACHIEVE THIS WORDING. THE USSR EXPERT WANTED THE TEXT TO REFLECT THE DIFFICULTIES OF DETERMINING YIELD FROM SURFACE WAVES RECORDED AT REGIONAL DISTANCES. A THIRD DRAFT OF THE APPENDIX WILL BE SUBMITTED TO THE GROUP THIS WEEK.

3. DURING AN AFTERNOON SESSION ON 26 JULY THE UK EXPERT PRESENTED A DRAFT OF CHAPTER 6 OF THE FINAL REPORT ENTITLED "DATA CENTERS FOR DETECTION AND LOCATION OF SEISMIC EVENTS AND FOR REDUCTION OF IDENTIFICATION PARAMETERS". THE CHIEF ISSUE HERE IS THE CONFIGURATION OF THE DATA EXCHANGE SYSTEM IN TERMS OF INDIVIDUAL SEISMIC STATIONS, NATIONAL DATA CENTERS OR DISTRIBUTION POINTS, AND INTERNATIONAL CENTERS. THE UK DRAFT CONTAINED FOUR OPTIONAL CONFIGURATIONS FOR THE DATA EXCHANGE SYSTEM. MOST OF THE EXPERTS PRESENT AGREED THAT THERE WAS NO TECHNICAL REASON FOR MORE THAN ONE INTERNATIONAL DATA CENTER BUT MORE THAN ONE MAY BE REQUIRED FOR OTHER REASONS. THE USSR EXPERT STATED THAT THE EXCHANGE SYSTEM SHOULD DEAL WITH ONLY TELESEISMIC DATA BECAUSE THE WELL KNOWN LIMITED OFFICIAL USE

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"PARADOX" THAT SEISMIC SIGNALS BECOME LESS COMPLICATED WHEN RECORDED AT GREATER DISTANCES. THE UK EXPERT REPLIED THAT THE TYPE OF DATA TO BE EXCHANGED WAS DISCUSSED IN ANOTHER SECTION OF THE REPORT. AFTER FURTHER DISCUSSION THE UK EXPERT AGREED TO PRESENT A NEW DRAFT OF CHAPTER 6 FOR DISCUSSION AT AFTERNOON SESSION ON 27 JULY.  
VANDEN HEUVEL

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NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01-Jan-1994 12:00:00 am  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** SEISMOLOGY, MEETING REPORTS, COMMITTEES  
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**Copy:** SINGLE  
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**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 22 May 2009  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
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**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
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**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
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**Previous Handling Restrictions:** n/a  
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**TAGS:** PARM, SZ, CCD  
**To:** STATE  
**Type:** TE  
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**Review Markings:**  
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